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A Checklist of the spiders of Turkey

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Abstract

This checklist of Turkish spiders comprises 613 species and 2 subspecies. Their distribution in Turkey is presented. Four species, i.e. *Alopecosa aculeata*, *Clubiona marmorata*, *Eresus sandaliatus*, and *Nigma walckenaeri*, are here recorded for the first time from the Turkish araneofauna. Drawings of external genitalia of the four species are presented.

Keywords: Spiders, Araneae, New record, Checklist, Turkey.

Introduction

The araneological activity in Turkey can be divided into three periods. In the first period (1846-1964), araneological records have been mainly based on visits of earlier researchers, such as Rossi (1846), Ausserer (1871), Pickard-Cambridge (1874), Simon (1875, 1878, 1879, 1884), Pavesi (1876, 1878), Kulczyński (1903, 1915), Nosek (1905), Strand (1907), Reimoser (1913, 1919, 1920), Dalmás (1920, 1921), Rouzsky (1925), Fage (1931), Giltay (1932), Spassky (1932), Bristowe (1935), Caporiacco (1935), Charitonow (1936), Drensky (1936), Bonnet (1955, 1956, 1957, 1958, 1959), Roewer (1960), Wiehle (1963), and Guy (1966).

A more detailed study of the araneofauna of Turkey was carried out by Sevinç Karol (1964, 1965, 1966a, 1966b, 1966c, 1966d, 1966e, 1967a, 1967b, 1968, 1969), in the second period (1964-1969). The first araneological checklist was published by her. She reported 302 species belonging to 119 genera in a review of all literature at that time (Karol, 1967b).

After Karol, new generation of foreign araneologists appeared and made further contributions of new species and new records to the araneofauna of Turkey (Lehtinen & Saaristo, 1972; Alicata, 1974; Deltshv, 1980; Millidge, 1981; Deeleman-Reinhold & Deeleman, 1988). The Italian arachnologist Paolo Marcello Brignoli mainly concentrated on cave-dwelling species and published many papers on Turkish spiders (Brignoli 1968, 1972, 1978a, 1978b, 1979a, 1979b). Other publications of variable importance included

data on Turkish spiders were those of Wunderlich (1978, 1980, 1984, 1994, 1995a, 1995b, 1995c), Levy & Amitai (1981), Hippa & Oksala (1982, 1983), Platnick & Murphy (1984), Hippa *et al.* (1986), Wesołowska (1986), Griswold (1990), Maurer (1992), Ovtsharenko *et al.* (1992), Schmidt & Smith (1995), Levy (1996, 2004), Saaristo & Tanasevitch (1996), Saaristo (1997), Bosmans (1997), Bosmans & Van Keer (1999), Deltshv (1999, 2000), Logunov & Marusik (1999), Senglet (2001), Azarkina (2002, 2004), Buchar & Thaler (2002), Gasparo (2002), Lehtinen (2002), Prószyński (2003), Muster & Thaler (2004).

Since 1987, Abdullah Bayram, who is the second Turkish araneologist after Sevinç Karol, started the study of several spider genera of Turkey. He published many contributions to the araneofauna of Turkey with ecological notes, i.e. Bayram (1987, 1994, 1996), Bayram & Allahverdi (1994), Bayram & Göven (2001), Bayram & Özdağ (2000), Bayram & Ünal (2000), Bayram & Varol (1996, 1999, 2000, 2003), Bayram, Varol & Tozan (2000), Bayram *et al.* (2002a, 2002b). In 2002, he revised Karol's checklist (1967b) and reported 520 species belonging to 162 genera from Turkey (Bayram, 2002). But, this second checklist do not include several important revisions and faunistical records, i.e. Levy & Amitai (1981), Hippa & Oksala (1983), Deeleman-Reinhold & Deeleman (1988), Wunderlich (1994), Bosmans & Van Keer (1999). In addition, other Turkish araneologists have recently contributed to the study of spiders of Turkey (Varol, 2001; Topçu & Demir, 2004; Tanasevitch, Kunt & Seyyar, 2004; Tanasevitch, Topçu, & Demir, 2004; Topçu *et al.* 2005).

This paper presents up-to-date review of the araneofauna of Turkey. It is derived from: 1) a critical incorporation of all available records from the literature concerning the distribution of spiders of Turkey, 2) a revision of all of the existing material in NUAM (Arachnology Museum of Niğde University). The species available in NUAM were marked by an asterisk in Table (1). This checklist also contains four new records for the araneofauna of Turkey with drawings of their external genitalia (Figs. 2-5), and a list of all publications on Turkish spiders, published between 1846 and 2005.

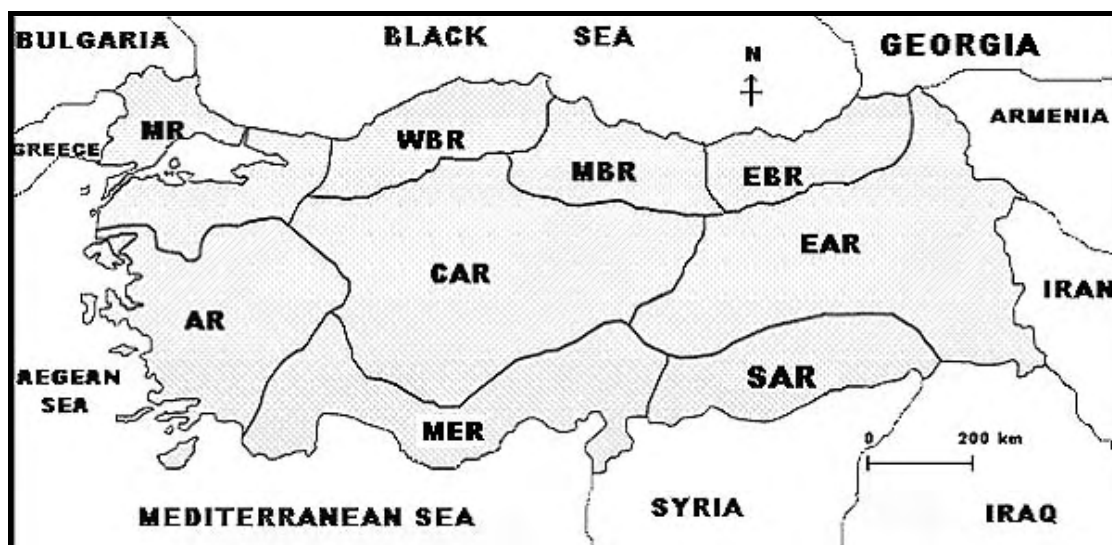
Geographical regions of Turkey

The lands of Turkey are located at a point where the three continents making up the old world, Asia, Africa and Europe, are near to each other. The lands of Turkey are geographically located in the northern half of the hemisphere at a point that is about halfway between the equator and North Pole, at a longitude of 36-42°N and latitude of 26-45°E. Because of its geographical location the mainland of Turkey has zoogeographical significance.

Turkey is generally divided into seven regions: the Black sea region, the Marmara region, the Aegean region, the Mediterranean region, Central Anatolia (Anatolian plateau) region, the East and Southeast regions. The uneven North Anatolian terrain running along the Black sea resembles a narrow but long belt. The land of this region is approximately 1/6 of Turkey's total land area.

The Marmara region covers the area encircling the Sea of Marmara, including the entire European part of Turkey, as well as the northwest of the Anatolian Plain. The Aegean region extends from the Aegean coast to the inner parts of western Anatolia. In general, the mountains in the region fall perpendicularly into the sea and the plains run from east to west. In the Mediterranean region, located in the South of Turkey, the western and central Taurus Mountains suddenly rise up behind the coastline. The Central Anatolian region is exactly in the middle of Turkey and gives the appearance of being less mountainous compared with the other regions. The Eastern Anatolia region is Turkey's largest and highest region. About three fourths of it is at an altitude of 1.500-

2.000 metres. Eastern Anatolia is composed of individual mountains as well as of whole mountain ranges, with vast plateaus and plains. There are numerous inactive volcanoes in the region, including Nemrut, Süphan, Tendürek and Turkey's highest peak, Mount Ağrı, which is 5.165 metres. The southeast Anatolia region is notable for the uniformity of its landscape, although the eastern part of the region is comparatively more uneven than its western areas (Map 1). The abbreviations used in the paper of the geographical areas are as follows: WBR = West Black Sea Region, MBR = Middle Black Sea Region, EBR = East Black Sea Region, MR = Marmara Region, AR = Aegean Region, MER = Mediterranean Region, CAR = Central Anatolia Region, EAR = East Anatolia Region, and SAR = Southeast Anatolia Region.



Map 1. Geographical regions of Turkey.

Results

The spider fauna of Turkey is represented by 613 species and 2 subspecies, included in 43 families: Ctenizidae 1, Nemesiidae 2, Theraphosidae 1, Filistatidae 1, Sicariidae 1, Scytodidae 1, Leptonetidae 3, Pholcidae 16, Segestriidae 3, Dysderidae 42, Palpimanidae 2, Mimetidae 1, Eresidae 3, Oecobiidae 1, Uloboridae 3, Nesticidae 2, Theridiidae 31, Theridiosomatidae 1, Anapidae 1, Linyphiidae 56, Tetragnathidae 10, Araneidae 33 (+ 1 subspecies), Lycosidae 63, Pisauridae 1, Oxyopidae 5, Zoropsidae 1, Agelenidae 41, Cybaeidae 3, Hahnidae 4, Dictynidae 7, Amaurobiidae 14, Phyxelididae 1, Titanoecidae 3, Miturgidae 5, Liocranidae 4, Clubionidae 5, Zodariidae 13, Prodidomidae 1, Gnaphosidae 73 (+ 1 ssp.), Sparassidae 6, Philodromidae 22, Thomisidae 56, and Salticidae 71 (Fig. 1).

This number is established after a critical review of all available records from the literature concerning the spiders in the Turkey and a revision of all existing materials in NUAM. The number of species is low compared with the number of species recorded from other countries, i.e. Bulgaria 985 (Deltshv & Blagoev, 2001), Germany 925 (Koponen, 1993), Russia 1974 (Mikhailov, 2000), because of lack of araneological studies. The zoogeographic classification of the spiders has been made on the basis of literature data reflecting their current distribution (Platnick, 2005). In the zoogeographic categories, Palearctic species are dominant (represented by 179 species), followed by 109 Turkish endemic species (and subspecies) that are only known from Turkey (17.8 %). Many of the endemic species are mainly distributed in caves in the Mediterranean region.

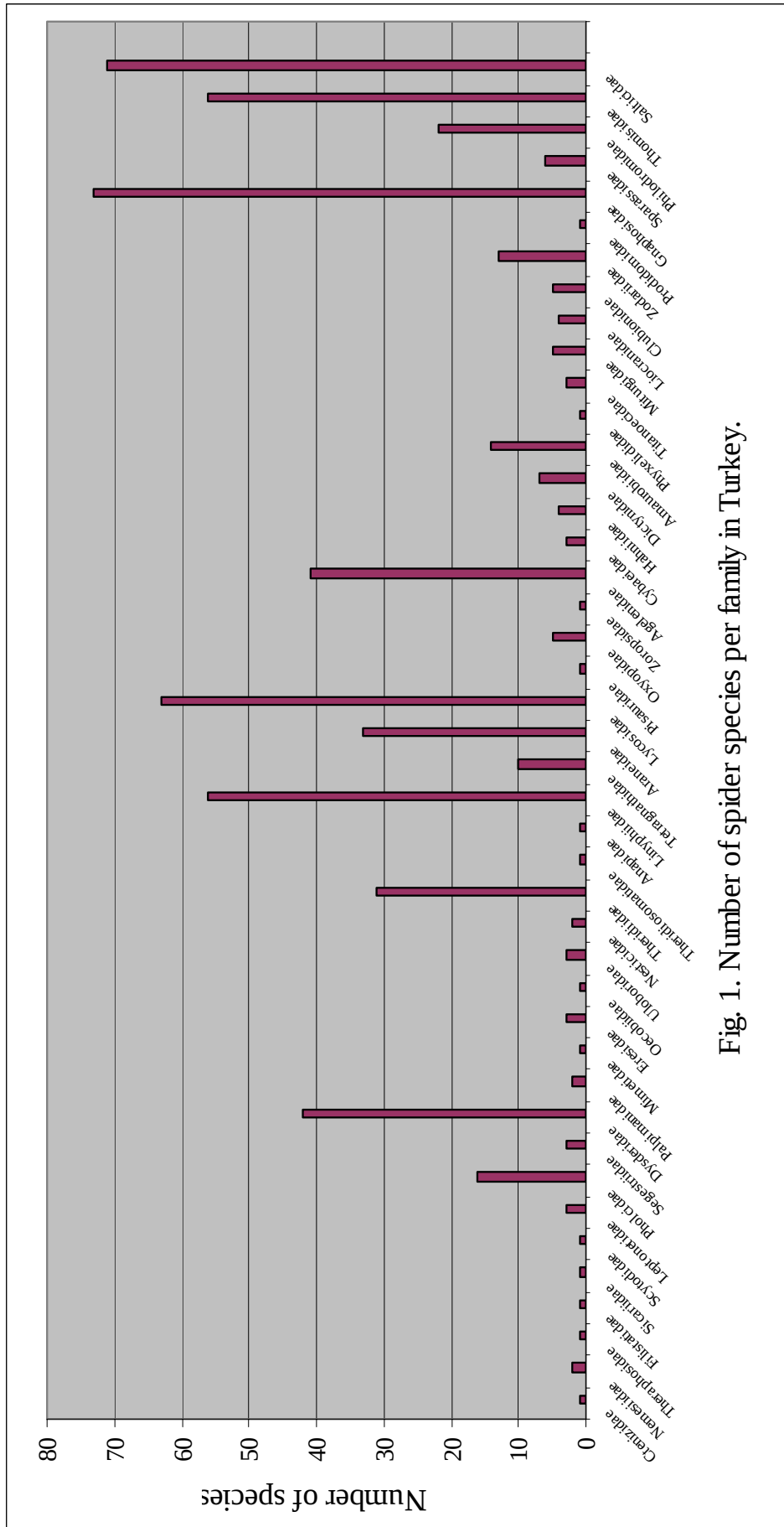


Table 1: Checklist of the spiders of Turkey.

SPECIES	DISTRIBUTION	RECORDS
Ctenizidae		
<i>Cyrtocarenum cunicularium</i> (Olivier, 1811)	Mediterranean	MR, AR
Nemesiidae		
<i>Brachythele varrialei</i> (Dalmas, 1920)	Eastern European	AR
<i>Raveniola micropa</i> (Ausserer, 1871)	Turkey	MER
Theraphosidae		
<i>Chaetopelma gracile</i> (Ausserer, 1871) *	Mediterranean	MER
Filistatidae		
<i>Filistata insidiatrix</i> (Forskål, 1775) *	Mediterranean-Asian	MER, EAR, SAR
Sicariidae		
<i>Loxosceles rufescens</i> (Dufour, 1820) *	Cosmopolitan	MR, AR, MER, EAR
Scytodidae		
<i>Scytodes thoracica</i> (Latreille, 1802) *	Holarctic	MER, CAR, EAR, SAR
Leptonetidae		
<i>Cataleptoneta aesculapii</i> (Brignoli, 1968)	Turkey	MER
<i>Cataleptoneta sbordonii</i> (Brignoli, 1968) *	Turkey	MER
<i>Leptonetela deltshevi</i> (Brignoli, 1979)	Turkey	MBR
Pholcidae		
<i>Artema atlanta</i> Walckenaer, 1837	Pantropical	AR
<i>Holocnemus plucheii</i> (Scopoli, 1763) *	Mediterranean	MR, AR, MER, CAR, EAR, SAR
<i>Hoplopholcus asiaeminoris</i> Brignoli, 1978 *	Turkey	MR, MER, CAR
<i>Hoplopholcus ceconii</i> Kulczyński, 1908	Asia Minor-Levantine	MR, CAR
<i>Hoplopholcus figulus</i> Brignoli, 1971	Balkans-Asia Minor	EBR
<i>Hoplopholcus forskali</i> (Thorell, 1871)	Eastern European	Turkey ¹
<i>Hoplopholcus labyrinthi</i> (Kulczyński, 1903)	Eastern Mediterranean	AR
<i>Hoplopholcus longipes</i> (Spassky, 1934) *	Pontic	EBR
<i>Hoplopholcus minotaurinus</i> Senglet, 1971	Eastern Mediterranean	AR
<i>Hoplopholcus minous</i> Senglet, 1971	Eastern Mediterranean	AR
<i>Hoplopholcus patrizii</i> (Roewer, 1962)	Turkey	MER
<i>Pholcus opilionoides</i> (Schrank, 1781) *	Holarctic	MR, MER, EAR

SPECIES	DISTRIBUTION	RECORDS
<i>Pholcus phalangoides</i> (Fuesslin, 1775) *	Cosmopolitan	MBR, MR, AR, MER, CAR, EAR, SAR
<i>Pholcus spasskyi</i> Brignoli, 1978	Turkey	SAR
<i>Pholcus turcicus</i> Wunderlich, 1980	Turkey	EBR
<i>Spermophora senoculata</i> (Dugès, 1836)	Holarctic	EAR, SAR
Segestriidae		
<i>Ariadna insidiatrix</i> Savigny, 1825	Mediterranean	MR
<i>Segestria bavarica</i> C.L.Koch, 1843	European-Asian	Turkey
<i>Segestria florentina</i> (Rossi, 1790)	European-Asian	AR
Dysderidae		
<i>Dasumia mariandyna</i> Brignoli, 1979	Turkey	WBR
<i>Dysdera anatoliae</i> Deeleman-Reinhold, 1988	Turkey	CAR
<i>Dysdera argaica</i> Nosek, 1905	Turkey	CAR
<i>Dysdera asiatica</i> Nosek, 1905	Turkey	CAR
<i>Dysdera crocata</i> C.L.Koch, 1838 *	Cosmopolitan	MR, MER, SER
<i>Dysdera enguriensis</i> Deeleman-Reinhold, 1988	Turkey	CAR
<i>Dysdera erythrina</i> (Walckenaer, 1802) *	Europe - Pontic	MR, CAR
<i>Dysdera gruberi</i> Deeleman-Reinhold, 1988	Turkey	CAR
<i>Dysdera hamulata</i> Kulczyński, 1897	Eastern European	SAR
<i>Dysdera hattusas</i> Deeleman-Reinhold, 1988	Turkey	CAR
<i>Dysdera kollari</i> Doblika, 1853	Balkans-Ukraine	AR
<i>Dysdera lata</i> Wider, 1834	Mediterranean to Georgia	CAR, EAR
<i>Dysdera longimandibularis</i> Nosek, 1905	Turkey, Cyprus	CAR
<i>Dysdera longirostris</i> Doblika, 1853	Eastern European	EAR, SAR
<i>Dysdera mixta</i> Deeleman-Reinhold, 1988	Turkey	CAR
<i>Dysdera ninnii</i> Canestrini, 1868	Middle East-European	Turkey
<i>Dysdera rubus</i> Deeleman-Reinhold, 1988	Eastern Mediterranean	CAR
<i>Dysdera sultani</i> Deeleman-Reinhold, 1988	Eastern Mediterranean	CAR
<i>Dysdera taurica</i> Charitonov, 1956 *	Eastern European	EAR, SAR
<i>Dysdera westringi</i> O.P.-Cambridge, 1872	Eastern Mediterranean	MR, AR, CAR
<i>Dysdera yozgat</i> Deeleman-Reinhold, 1988	Turkey	CAR
<i>Dysderocrates regina</i> Deeleman-Reinhold, 1988	Turkey	CAR
<i>Harpactea agnolettii</i> Brignoli, 1978	Turkey	MER

SPECIES	DISTRIBUTION		RECORDS
<i>Harpactea babori</i> (Nosek, 1905)	Turkey		MR
<i>Harpactea colchidis</i> Brignoli, 1978	Turkey		EBR
<i>Harpactea diraoi</i> Brignoli, 1978	Turkey		MER
<i>Harpactea dohati</i> Alicata, 1974	Turkey		MER
<i>Harpactea galatica</i> Brignoli, 1978	Turkey		CAR
<i>Harpactea isaurica</i> Brignoli, 1978	Turkey		MER
<i>Harpactea korgei</i> Brignoli, 1979	Turkey		WBR
<i>Harpactea lazorum</i> Brignoli, 1978	Turkey		EBR
<i>Harpactea lyciae</i> Brignoli, 1978	Turkey		MER
<i>Harpactea medeae</i> Brignoli, 1978	Turkey		EBR
<i>Harpactea mithridatis</i> Brignoli, 1979	Pontic		MBR
<i>Harpactea osellai</i> Brignoli, 1978	Turkey		MER
<i>Harpactea pisidica</i> Brignoli, 1978	Turkey		MER
<i>Harpactea sanctaeinsulae</i> Brignoli, 1978	Turkey		MER
<i>Harpactea sbordonii</i> Brignoli, 1978	Turkey		MER
<i>Harpactea sturanyi</i> (Nosek, 1905)	Balkans-Asia Minor		CAR
<i>Harpactea vignai</i> Brignoli, 1978	Turkey		AR
<i>Harpactocrates troglophilus</i> Brignoli, 1978 *	Turkey		MER, CAR
<i>Hygrocrates lycaoniae</i> (Brignoli, 1978)	Eastern Mediterranean		MER
Palpimanidae			
<i>Palpimanus gibbulus</i> Dufour, 1820 *	Mediterranean, Central Asia		AR, MER, CAR, SAR
<i>Palpimanus uncatus</i> Kulczyński, 1909	Eastern Mediterranean		MR
Mimetidae			
<i>Ero aphana</i> (Walckenaer, 1802) *	Palearctic		MER, CAR
Eresidae			
<i>Eresus cinnaberinus</i> (Olivier, 1789) *	Palearctic		MER, CAR
<i>Eresus sandaliatus</i> (Martini & Goeze, 1778) *	European		New record ²
<i>Eresus walckenaeri</i> Brullé, 1832 *	Mediterranean		MR, AR
Oecobiidae			
<i>Uroctea durandi</i> (Latreille, 1809) *	Mediterranean		MER
Uloboridae			
<i>Hyptiotes paradoxus</i> (C.L.Koch, 1834) *	Palearctic		AR, MER

SPECIES	DISTRIBUTION	RECORDS
<i>Uloborus plumipes</i> Lucas, 1846	Old World	MR
<i>Uloborus walckenaerius</i> Latreille, 1806 *	Paleartic	AR, CAR
Nesticidae		
<i>Carpathonesticus borutzkyi</i> Reimoser, 1930	Pontic	WBR
<i>Nesticus cellulanus</i> (Clerck, 1757)	Holarctic	WBR, MER, EAR, SAR
Theridiidae		
<i>Achaearanea simulans</i> (Thorell, 1875)	Paleartic	SAR
<i>Achaearanea tepidariorum</i> (C.L.Koch, 1841) *	Cosmopolitan	MBR
<i>Crustulina scabripes</i> Simon, 1881 *	Mediterranean	CAR
<i>Dipoena coracina</i> (C.L.Koch, 1837)	European	CAR
<i>Enoplognatha afrodite</i> Hippa & Oksala, 1983	Southern Europe	AR
<i>Enoplognatha gemina</i> Bosmans & Van Keer, 1999	Mediterranean	AR
<i>Enoplognatha latimana</i> Hippa & Oksala, 1982 *	Holarctic	MER
<i>Enoplognatha macrochelis</i> Levy & Amitai, 1981	Eastern Mediterranean	AR, CAR
<i>Enoplognatha mandibularis</i> (Lucas, 1846)	Paleartic	WBR, MR
<i>Enoplognatha mediterranea</i> Levy & Amitai, 1981	Eastern Mediterranean	MR
<i>Enoplognatha ovata</i> (Clerck, 1757)	Holarctic	MBR
<i>Enoplognatha parathoracica</i> Levy & Amitai, 1981	Eastern Mediterranean	MR
<i>Enoplognatha quadripunctata</i> Simon, 1884	Mediterranean	MR, CAR
<i>Enoplognatha thoracica</i> (Hahn, 1833)	Holarctic	EAR, SAR
<i>Euryopsis flavomaculata</i> (C.L.Koch, 1836) *	Paleartic	CAR, AR
<i>Euryopsis orsovensis</i> Kulczyński, 1894	Balkans-Asia Minor	CAR
<i>Euryopsis quinqueguttata</i> Thorell, 1875	European-Asian	CAR
<i>Kochiura aulica</i> (C.L.Koch, 1838) *	European-Mediterranean-Asian	CAR
<i>Latrodectus pallidus</i> O.P.-Cambridge, 1872 *	Paleartic	MER, CAR, EAR
<i>Latrodectus tredecimguttatus</i> (Rossi, 1790) *	Mediterranean-Asian	MR, MER, CAR, EAR, SAR
<i>Steatoda albomaculata</i> (De Geer, 1778) *	Cosmopolitan	MR, CAR, AR
<i>Steatoda bipunctata</i> (Linnaeus, 1758) *	Holarctic	MBR, EAR, SAR, AR
<i>Steatoda castanea</i> (Clerck, 1757) *	Paleartic	CAR
<i>Steatoda dahlia</i> (Nosek, 1905)	Eastern Mediterranean, Central Asia	CAR, EAR
<i>Steatoda grossa</i> (C.L.Koch, 1838) *	Cosmopolitan	MR, EAR, SAR
<i>Steatoda paykulliana</i> (Walckenaer, 1805) *	European-Mediterranean-Asian	MR, AR, CAR, EAR, SAR

SPECIES	DISTRIBUTION	RECORDS
<i>Statoda phalerata</i> (Panzer, 1801) *	Paleartic	CAR, EAR, SAR
<i>Statoda triangulosa</i> (Walckenaer, 1802) *	Cosmopolitan	MR, AR, CAR, EAR, SAR
<i>Theridion adrianopoli</i> Drensky, 1915	Balkans-Mediterranean	MR
<i>Theridion impressum</i> L.Koch, 1881 *	Holarctic	MR, CAR
<i>Theridion sisypium</i> (Clerck, 1757)	Paleartic	EAR, SAR
Theridiosomatidae		
<i>Theridiosoma gemmosum</i> (L.Koch, 1877) *	Europe to Central Asia, North America	MR
Anapidae		
<i>Zangherella apuliae</i> (Caporiacco, 1949)	Mediterranean	MR
Linyphiidae		
<i>Bathypantes gracilis</i> (Blackwall, 1841)	Holarctic	CAR
<i>Centromerus turcicus</i> Wunderlich, 1995	Turkey	WBR
<i>Centromerus unicolor</i> Roewer, 1959	Turkey	MER
<i>Dicymbium nigrum</i> (Blackwall, 1834)	Paleartic	MR
<i>Diplocephalus cristatus</i> (Blackwall, 1833)	Holarctic	EAR
<i>Diplocephalus latifrons</i> (O.P.-Cambridge, 1863)	European-Asian	EAR
<i>Diplocephalus turcicus</i> Brignoli, 1972	Eastern Mediterranean	MER, CAR
<i>Erigone dentipalpis</i> (Wider, 1834) *	Holarctic	EAR, AR
<i>Erigonoplus ayildizi</i> Tanasevitch, Topçu & Demir, 2004 *	Turkey	MER
<i>Frontinellina frutetorum</i> (C.L.Koch, 1834) *	Paleartic	MR, CAR
<i>Gnathonarium dentatum</i> (Wider, 1834)	Paleartic	MR
<i>Gonatium cappadocicum</i> Millidge, 1981	Turkey	CAR
<i>Gongylidiellum murcidum</i> Simon, 1884	Paleartic	MR
<i>Gongylidiellum orduense</i> Wunderlich, 1995	Turkey	MBR
<i>Gongylidium rufipes</i> (Linnaeus, 1758)	Paleartic	MER
<i>Hilaira herniosa</i> (Thorell, 1875)	Holarctic	SAR
<i>Lepthyphantes leprosus</i> (Ohlert, 1865) *	Holarctic	MER, CAR, EAR, SAR, AR
<i>Lessertia denticheles</i> (Simon, 1884)	Holarctic	AR
<i>Linyphia hortensis</i> Sundevall, 1830 *	Paleartic	CAR
<i>Linyphia tenuipalpis</i> Simon, 1884	European-Asian	MR
<i>Linyphia triangularis</i> (Clerck, 1757) *	Paleartic	EAR, SAR, AR
<i>Mansuphantes korgei</i> (Saaristo & Tanasevitch, 1996)	Turkey	WBR

SPECIES	DISTRIBUTION	RECORDS
<i>Megalepthyphantes collinus</i> (L. Koch, 1872)	Palearctic	EAR, SAR
<i>Megalepthyphantes turkeyensis</i> Tanasevitch, Kunt & Seyyar, 2004 *	Turkey	MER
<i>Meioneta innotabilis</i> (O.P.-Cambridge, 1863)	European-Asian	EAR
<i>Meioneta rurestris</i> (C.L. Koch, 1836)	Palearctic	CAR
<i>Microlinyphia pusilla</i> (Sundevall, 1830) *	Holarctic	EAR, SAR
<i>Microneta viaria</i> (Blackwall, 1841)	Holarctic	EAR, SAR
<i>Midia midas</i> (Simon, 1884)	European	EAR, SAR
<i>Mughiphantes cornutus</i> (Schenkel, 1927)	Palearctic	CAR
<i>Mughiphantes triglavensis</i> (Miller & Polenec, 1975)	Eastern European	MR
<i>Nerienne furtiva</i> (O.P.-Cambridge, 1871) *	Palearctic	MR, AR
<i>Obscuriphantes obscurus</i> (Blackwall, 1841)	Palearctic	EAR, SAR
<i>Oedothorax apicatus</i> (Blackwall, 1850)	Palearctic	EAR
<i>Oedothorax fuscus</i> (Blackwall, 1834)	Palearctic	CAR
<i>Oedothorax gibbosus</i> (Blackwall, 1841)	Palearctic	CAR
<i>Oedothorax retusus</i> (Westring, 1851)	Palearctic	CAR
<i>Pallidiphantes byzantinus</i> (Fage, 1931)	Eastern Mediterranean	MR, EAR
<i>Pelecopsis parallela</i> (Wider, 1834)	Palearctic	SAR
<i>Prinerigone vagans</i> (Audouin, 1825)	Palearctic	CAR
<i>Sintula cristatus</i> Wunderlich, 1995	Turkey	WBR
<i>Stemonyphantes abantensis</i> Wunderlich, 1978	Turkey	WBR
<i>Stemonyphantes montanus</i> Wunderlich, 1978	Turkey	WBR
<i>Tallusia bicristata</i> Lehtinen & Saario, 1972	Turkey	WBR
<i>Tapinocyba korgei</i> Wunderlich, 1995	Turkey	MBR
<i>Tapinopa gereade</i> Saario, 1997	Turkey	WBR
<i>Taranucnus setosus</i> (O.P.-Cambridge, 1863)	Palearctic	MR, AR
<i>Tenuiphantes tenebricola</i> (Wider, 1834)	Palearctic	CAR
<i>Tenuiphantes tenuis</i> (Blackwall, 1852)	Palearctic	MR, AR
<i>Tenuiphantes wunderlichi</i> (Saario & Tanasevitch, 1996)	Turkey	MBR
<i>Tenuiphantes zimmermanni</i> (Bertkau, 1890) *	European	CAR, EAR, SAR
<i>Trichopterna cito</i> (O.P.-Cambridge, 1872)	Palearctic	EAR
<i>Troglohyphantes gladius</i> Wunderlich, 1995	Turkey	MBR
<i>Troglohyphantes pisidicus</i> Brignoli, 1971	Turkey	MER

SPECIES	DISTRIBUTION	RECORDS
<i>Walckenaeria abantensis</i> Wunderlich, 1995	Turkey	MBR
<i>Walckenaeria atrotibialis</i> (O.P.-Cambridge, 1878)	Holarctic	AR
Tetragnathidae		
<i>Meta bourneti</i> Simon, 1922	European, North African	MR, MER
<i>Metellina merianae</i> (Scopoli, 1763) *	European	WBR, MR, MER, CAR
<i>Metellina orientalis</i> (Spassky, 1932)	Eastern Palearctic	Turkey
<i>Metellina segmentata</i> (Clerck, 1757)	Palearctic	EAR, SAR
<i>Pachygnatha degeeri</i> Sundevall, 1830 *	Palearctic	MER, EAR, SAR
<i>Pachygnatha listeri</i> Sundevall, 1830	Palearctic	EAR
<i>Tetragnatha extensa</i> (Linnaeus, 1758) *	Holarctic	MR, CAR
<i>Tetragnatha montana</i> Simon, 1874 *	Palearctic	MR, EAR, SAR
<i>Tetragnatha obtusa</i> C.L.Koch, 1837 *	Palearctic	AR, CAR
<i>Tetragnatha striata</i> L.Koch, 1862	European-Asian	CAR
Araneidae		
<i>Aculepeira armida</i> (Savigny, 1825)	Palearctic	EAR
<i>Aculepeira ceropegia</i> (Walckenaer, 1802) *	Palearctic	MER, CAR
<i>Aculepeira talishia</i> (Zawadsky, 1902)	Western Asian	CAR, EAR
<i>Agalenatea redii</i> (Scopoli, 1763) *	Palearctic	MR, MER
<i>Araneus alsine</i> (Walckenaer, 1802)	Palearctic	MBR, EAR, SAR
<i>Araneus angulatus</i> Clerck, 1757 *	Palearctic	MBR, MR
<i>Araneus circe</i> (Savigny, 1826)	Palearctic	MR, AR, CAR
<i>Araneus diadematus</i> Clerck, 1757 *	Holarctic	MBR, MR, CAR, SAR
<i>Araneus ishisawai</i> Kishida, 1920	Eastern Palearctic	CAR, EAR
<i>Araneus marmoreus</i> Clerck, 1757 *	Holarctic	MBR
<i>Araneus quadratus</i> (Clerck, 1757)	Palearctic	AR
<i>Araneus stella</i> (Karsch, 1879)	East Palearctic	CAR
<i>Araniella cucurbitina</i> (Clerck, 1757) *	Palearctic	MR, CAR, EAR, SAR
<i>Argiope argentata</i> (Fabricius, 1775)	Palearctic	AR, MER
<i>Argiope bruennichi</i> (Scopoli, 1772) *	Palearctic	MBR, MR, CAR
<i>Argiope lobata</i> (Pallas, 1772) *	Old World	MR, CAR, EAR, SAR, AR
<i>Cyclosa conica</i> (Pallas, 1772) *	Holarctic	CAR
<i>Gibbaranea bituberculata</i> (Walckenaer, 1802) *	Palearctic	MER, CAR

SPECIES	DISTRIBUTION	RECORDS
<i>Gibbaranea gibbosa</i> (Walckenaer, 1802)	European-Asian	EAR, SAR
<i>Gibbaranea ullrichi</i> (Hahn, 1835) *	European-Asian	CAR
<i>Hypsosinga pygmaea</i> (Sundevall, 1831) *	Holarctic	MER
<i>Hypsosinga pygmaea nigriceps</i> (Kulczyński, 1903)	Turkey	MR
<i>Hypsosinga sanguinea</i> (C.L.Koch, 1844) *	Palearctic	MR
<i>Larinioides cornutus</i> (Clerck, 1757) *	Holarctic	MR, AR, MER, CAR, EAR, SAR
<i>Larinioides ixobolus</i> (Thorell, 1873)	Palearctic	CAR
<i>Larinioides patagiatus</i> (Clerck, 1757)	Holarctic	EAR, SAR
<i>Larinioides sclopetarius</i> (Clerck, 1757)	Holarctic	CAR
<i>Larinioides suspicax</i> (O.P.-Cambridge, 1876)	European-Asian	MR, CAR
<i>Mangora acalypha</i> (Walckenaer, 1802) *	Palearctic	MR
<i>Neoscana adianta</i> (Walckenaer, 1802) *	Palearctic	MBR, MR, CAR
<i>Neoscana subfusca</i> (C.L.Koch, 1837)	Old World	MR
<i>Nuctenea umbratica</i> (Clerck, 1757) *	European-Asian	MBR
<i>Singa lucina</i> (Savigny, 1825)	Mediterranean-Asian	MER
<i>Zilla didia</i> (Walckenaer, 1802) *	European-Asian	MER
Lycosidae		
<i>Allocosa cambridgei</i> (Simon, 1876)	Turkey, Syria	CAR
<i>Alopecosa accentuata</i> (Latreille, 1817) *	Palearctic	EAR, SAR
<i>Alopecosa aculeata</i> (Clerck, 1757) *	Holarctic	New record ³
<i>Alopecosa albofasciata</i> (Brullé, 1832)	Mediterranean-Asian	EBR, MR, AR, MER, CAR
<i>Alopecosa cuneata</i> (Clerck, 1757) *	Palearctic	EAR, SAR
<i>Alopecosa cursor</i> (Hahn, 1831) *	Palearctic	CAR, EAR, SAR
<i>Alopecosa fabrilis</i> (Clerck, 1757) *	Palearctic	MR, AR
<i>Alopecosa pentheri</i> (Nosek, 1905)	Mediterranean-Asian	MR, CAR
<i>Alopecosa pulverulenta</i> (Clerck, 1757) *	Palearctic	MR, EAR, AR
<i>Alopecosa schmidtii</i> (Hahn, 1835)	Palearctic	MR
<i>Alopecosa solitaria</i> (Herman, 1879) *	European-Asian	EAR
<i>Alopecosa taeniopus</i> (Kulczyński, 1895)	European-Asian	CAR
<i>Alopecosa trabalis</i> (Clerck, 1757)	European-Asian	Turkey
<i>Arctosa cinerea</i> (Fabricius, 1777) *	Palearctic, Congo	EAR, SAR
<i>Arctosa fulvolineata</i> (Lucas, 1846)	Palearctic	EAR

SPECIES	DISTRIBUTION	RECORDS
<i>Arctosa leopardus</i> (Sundevall, 1833) *	Paleartic	MR, EAR, SAR
<i>Arctosa perita</i> (Latreille, 1799) *	Holarctic	MR, AR
<i>Arctosa personata</i> (L.Koch, 1872) *	Mediterranean	EAR
<i>Arctosa simoni</i> Guy, 1966	Turkey	MR, CAR
<i>Arctosa variana</i> C.L.Koch, 1847	Mediterranean-Asian	MR
<i>Geolycosa vultuosa</i> (C.L.Koch, 1838) *	European-Asian	MR, CAR
<i>Hogna graeca</i> (Roewer, 1951)	Eastern Mediterranean	AR
<i>Hogna radiata</i> (Latreille, 1817) *	European-Asian, Central Africa	MR, AR, MER, CAR
<i>Lycosa narbonensis</i> Walckenaer, 1806 *	Mediterranean	MER, CAR, SAR
<i>Lycosa piochardi</i> Simon, 1876	Eastern Mediterranean	CAR, SAR
<i>Lycosa praegrandis</i> C.L.Koch, 1836 *	Eastern Mediterranean-Asian	MR, AR, MER, CAR, EAR
<i>Lycosa tarantula</i> (Linnaeus, 1758)	Southeastern Europe, Mediterranean, Near East	MER, CAR, SAR
<i>Ocyale neotalanta</i> Alderweireldt, 1996	West Africa to Myanmar	SAR
<i>Pardosa agrestis purbeckensis</i> O.P.-Cambridge, 1895 *	Paleartic	CAR, EAR
<i>Pardosa agricola</i> (Thorell, 1856) *	European-Asian	MER, CAR, EAR, SAR
<i>Pardosa albatula</i> (Roewer, 1951)	European	EAR
<i>Pardosa amentata</i> (Clerck, 1757)	European-Asian	MR, CAR, EAR, AR
<i>Pardosa atomaria</i> (C.L.Koch, 1847)	Balkans, Mediterranean	MR
<i>Pardosa bifasciata</i> (C.L.Koch, 1834)	Paleartic	MR, CAR, EAR
<i>Pardosa cincta</i> (Kulczyński, 1887)	Central, Eastern Europe	EAR, SAR
<i>Pardosa consimilis</i> Nosek, 1905	Turkey	CAR
<i>Pardosa hortensis</i> (Thorell, 1872) *	Paleartic	CAR, AR
<i>Pardosa ilgunensis</i> Nosek, 1905	Turkey	CAR
<i>Pardosa incerta</i> Nosek, 1905	Asian	AR, CAR
<i>Pardosa lugubris</i> (Walckenaer, 1802)	Paleartic	CAR
<i>Pardosa monticola</i> (Clerck, 1757) *	Paleartic	EAR, SAR
<i>Pardosa morosa</i> (L.Koch, 1870) *	European-Asian	EAR, SAR, AR
<i>Pardosa nebulosa</i> (Thorell, 1872)	Paleartic	EAR
<i>Pardosa nigra</i> (C.L.Koch, 1834)	Paleartic	AR, MER
<i>Pardosa nigriceps</i> (Thorell, 1856)	European	CAR
<i>Pardosa paludicola</i> (Clerck, 1757)	Paleartic	EAR
<i>Pardosa palustris</i> (Linnaeus, 1758) *	Holarctic	CAR

SPECIES	DISTRIBUTION	RECORDS
<i>Pardosa prativaga</i> (L.Koch, 1870)	European-Western Asian	EAR
<i>Pardosa proxima</i> (C.L.Koch, 1847) *	Palearctic	MR, EAR, SAR, AR
<i>Pardosa pullata</i> (Clerck, 1757) *	European-Asian	MER, CAR, AR
<i>Pardosa riparia</i> (C.L.Koch, 1833)	Palearctic	MR, CAR
<i>Pardosa schenkeli</i> Lessert, 1904	Palearctic	EAR
<i>Pardosa tatarica</i> (Thorell, 1875)	Palearctic	Turkey
<i>Pardosa trailli</i> (O.P.-Cambridge, 1873)	European	EAR
<i>Pardosa wagleri</i> (Hahn, 1822) *	Palearctic	MER, EAR
<i>Pirata hygrophilus</i> Thorell, 1872	Palearctic	EAR
<i>Pirata piraticus</i> (Clerck, 1757)	Holarctic	EAR, SAR
<i>Trochosa hispanica</i> Simon, 1870 *	Mediterranean-Asian	MR, SAR
<i>Trochosa robusta</i> (Simon, 1876) *	Palearctic	EAR
<i>Trochosa ruricola</i> (De Geer, 1778)	Holarctic, Bermuda	AR
<i>Trochosa terricola</i> Thorell, 1856 *	Holarctic	MR, EAR
<i>Xerolycosa miniata</i> (C.L.Koch, 1834) *	Palearctic	EAR
<i>Xerolycosa nemoralis</i> (Westring, 1861)	Palearctic	EAR
Pisauridae		
<i>Pisaura mirabilis</i> (Clerck, 1757) *	Palearctic	MR, CAR, EAR, SAR, AR
Oxyopidae		
<i>Oxyopes globifer</i> Simon, 1876	Mediterranean-Asian	CAR
<i>Oxyopes heterophthalmus</i> (Latreille, 1804) *	Palearctic	AR, SAR
<i>Oxyopes lineatus</i> Latreille, 1806 *	Palearctic	MR, MER, EAR, SAR, AR
<i>Oxyopes nigrispinis</i> Kulczyński, 1891 *	Mediterranean	MER, CAR, AR
<i>Oxyopes pigmentatus</i> Simon, 1890	Israel, Yemen	SAR
Zoropsidae		
<i>Zoropsis beccarii</i> Caporiacco, 1935	Turkey	CAR
Agelenidae		
<i>Agelena gracilens</i> C.L.Koch, 1841 *	European-Asian	MR, EAR
<i>Agelena labyrinthica</i> (Clerck, 1757) *	Palearctic	MR, CAR, EAR, SAR
<i>Agelena orientalis</i> C.L.Koch, 1837	European-Asian	AR, CAR
<i>Agelescape affinis</i> (Kulczyński, 1911)	Turkey, Syria	MER, EAR, SAR
<i>Agelescape gideoni</i> Levy, 1996	Asia Minor-Levantine	EAR

SPECIES	DISTRIBUTION	RECORDS
<i>Agelescape livida</i> (Simon, 1875)	Mediterranean	CAR
<i>Lycosoides coarctata</i> (Dufour, 1831) *	Mediterranean	MR, EAR
<i>Lycosoides flavomaculata</i> Lucas, 1846	Mediterranean	SAR
<i>Maimuna cariae</i> Brignoli, 1978	Turkey	MR, MER
<i>Maimuna vestita</i> (C.L.Koch, 1841)	Eastern Mediterranean	MR, AR
<i>Tegenaria agnolettii</i> Brignoli, 1978	Turkey	MER
<i>Tegenaria agrestis</i> (Walckenaer, 1802)	Holarctic	MR
<i>Tegenaria anghela</i> Brignoli, 1972	Turkey	MER
<i>Tegenaria argaica</i> Nosek, 1905	Bulgaria, Turkey	CAR
<i>Tegenaria atrica</i> C.L.Koch, 1843	European	MR, MER, CAR
<i>Tegenaria averni</i> Brignoli, 1978	Turkey	MER
<i>Tegenaria bithyniae</i> Brignoli, 1978	Bulgaria, Turkey	MER
<i>Tegenaria boitanii</i> Brignoli, 1978	Turkey	MER
<i>Tegenaria commena</i> Brignoli, 1978	Turkey	MER
<i>Tegenaria cottarellii</i> Brignoli, 1978	Turkey	MER
<i>Tegenaria domestica</i> (Clerck, 1757) *	Cosmopolitan	MER, SAR
<i>Tegenaria elysii</i> Brignoli, 1978	Turkey	MER
<i>Tegenaria faniapollinis</i> Brignoli, 1978	Turkey	MER
<i>Tegenaria ferruginea</i> (Panzer, 1804)	European, Azores	MR, CAR
<i>Tegenaria forestieroi</i> Brignoli, 1978	Turkey	MER
<i>Tegenaria hamid</i> Brignoli, 1978	Turkey	CAR
<i>Tegenaria karaman</i> Brignoli, 1978	Turkey	CAR
<i>Tegenaria longimana</i> Simon, 1898	Pontic	MR, CAR
<i>Tegenaria lyncea</i> Brignoli, 1978	Turkey	CAR
<i>Tegenaria mamikonian</i> Brignoli, 1978	Turkey	CAR
<i>Tegenaria maronita</i> Simon, 1873	Eastern Mediterranean	MER
<i>Tegenaria melbae</i> Brignoli, 1972	Turkey	SAR
<i>Tegenaria nemorosa</i> Simon, 1916	European	CAR
<i>Tegenaria pagana</i> C.L.Koch, 1840 *	Holarctic	AR, MER, SAR
<i>Tegenaria parietina</i> (Fourcroy, 1785) *	Holarctic	MR, CAR, MER
<i>Tegenaria pasquinii</i> Brignoli, 1978	Turkey	MER
<i>Tegenaria percuriosa</i> Brignoli, 1972	Turkey	MER, CAR

SPECIES	DISTRIBUTION	RECORDS
<i>Tegenaria rhodiensis</i> Caporiacco, 1948	Eastern Mediterranean	MR
<i>Tegenaria tekke</i> Brignoli, 1978	Turkey	EBR
<i>Tegenaria vignai</i> Brignoli, 1978	Turkey	EBR
<i>Tegenaria xenophontis</i> Brignoli, 1978	Turkey	EBR
Cybaeidae		
<i>Argyroneta aquatica</i> (Clerck, 1757) *	Paelearctic	New record ⁴
<i>Cybaeus abchasicus</i> Charitonov, 1947	Pontic	EBR
<i>Cybaeus brignolii</i> Maurer, 1992	Turkey	CAR
Hahniidae		
<i>Cryphoea brignolii</i> Thaler, 1980	European	SAR
<i>Cryphoea pirini</i> (Drensky, 1921)	Bulgaria, Turkey	MR
<i>Cryphoea silvicola</i> (C.L.Koch, 1834)	Paelearctic	SAR
<i>Cryphoea thaleri</i> Wunderlich, 1995	Turkey	WBR
Dictynidae		
<i>Cicurina cicur</i> (Fabricius, 1793)	European-Asian	CAR
<i>Cicurina paphlagoniae</i> Brignoli, 1978	Turkey	EBR
<i>Dictyna arundinacea</i> (Linnaeus, 1758) *	Holarctic	CAR, EAR, SAR
<i>Dictyna civica</i> (Lucas, 1850)	Holarctic	EAR, SAR
<i>Dictyna latens</i> (Fabricius, 1775) *	European-Asian	MR, CAR, EAR
<i>Emblyna annulipes</i> (Blackwall, 1846)	Holarctic	EBR
<i>Nigma walckenaeri</i> (Roewer, 1951) *	Paelearctic	New record ⁵
Amaurobiidae		
<i>Amaurobius erberi</i> (Keyserling, 1863)	European, Canary Is.	MR
<i>Amaurobius ferox</i> (Walckenaer, 1830) *	Holarctic	MR, EAR, SAR
<i>Callobius claustrarius</i> (Hahn, 1833)	Paelearctic	EAR, SAR, AR
<i>Coelotes arganoi</i> Brignoli, 1978	Turkey	EBR
<i>Coelotes atropos</i> (Walckenaer, 1830)	European	MR, MER, WBR
<i>Coelotes coenobita</i> Brignoli, 1978	Turkey	WBR
<i>Coelotes luculli</i> Brignoli, 1978	Turkey	WBR
<i>Coelotes rhododendri</i> Brignoli, 1978	Turkey	WBR
<i>Coelotes terrestris</i> (Wider, 1834)	Paelearctic	MR, SAR
<i>Coelotes vignai</i> Brignoli, 1978	Turkey	EBR

SPECIES	DISTRIBUTION	RECORDS
<i>Paracoelotes armeniacus</i> (Brignoli, 1978)	Turkey	EBR
<i>Paracoelotes cottarellii</i> (Brignoli, 1978)	Turkey	EBR
<i>Urocoras nicomedis</i> (Brignoli, 1978)	Turkey	EBR
<i>Urocoras phthisicus</i> (Brignoli, 1978)	Turkey	EBR
Phyxelididae		
<i>Phyxelida anatolica</i> Griswold, 1990	Eastern Mediterranean	6
Titanoecidae		
<i>Nurscia albomaculata</i> (Lucas, 1846) *	European-Asian	MR, CAR, EAR, SAR
<i>Titanoeca incerta</i> (Nosek, 1905)	Balkans-Asia Minor	CAR
<i>Titanoeca schineri</i> L.Koch, 1872 *	Palearctic	CAR
Miturgidae		
<i>Cheiracanthium elegans</i> Thorell, 1875	European-Asian	CAR, EAR
<i>Cheiracanthium erraticum</i> (Walckenaer, 1802) *	Palearctic	SAR
<i>Cheiracanthium mildei</i> L.Koch, 1864 *	Holarctic	CAR, EAR, SAR
<i>Cheiracanthium pelasgicum</i> (C.L.Koch, 1837)	Palearctic	MR, CAR
<i>Cheiracanthium punctorium</i> (Villers, 1789) *	European-Asian	MR, CAR
Liocranidae		
<i>Apostenus fuscus</i> Westring, 1851	European	EAR
<i>Liocranum rupicola</i> (Walckenaer, 1830)	European-Asian	EAR
<i>Mesiotelus annulipes</i> (Kulczyński, 1897)	Balkans-Asia Minor	MR
<i>Mesiotelus tenuissimus</i> (L.Koch, 1866)	Palearctic	Turkey
Clubionidae		
<i>Clubiona corticalis</i> (Walckenaer, 1802)	European-Asian	EAR
<i>Clubiona lutescens</i> Westring, 1851 *	Holarctic	EAR, SAR
<i>Clubiona marmorata</i> L.Koch, 1866 *	European	New record ⁷
<i>Clubiona neglecta</i> O.P.-Cambridge, 1862 *	Palearctic	CAR, EAR, SAR
<i>Clubiona reclusa</i> O.P.-Cambridge, 1863	Palearctic	EAR, SAR
Zodariidae		
<i>Lachesana blackwalli</i> (O.P.-Cambridge, 1872)	Eastern Mediterranean	MER
<i>Palaestina expolita</i> O.P.-Cambridge, 1872	Eastern Mediterranean	MER
<i>Zodarion abantense</i> Wunderlich, 1980	Pontic	WBR
<i>Zodarion cyprium</i> Kulczyński, 1908	Eastern Mediterranean, Ukraine	MER

SPECIES	DISTRIBUTION	RECORDS
<i>Zodariion frenatum</i> Simon, 1884	Eastern Mediterranean	AR
<i>Zodariion gallicum</i> (Simon, 1873)	European-Mediterranean	CAR
<i>Zodariion germanicum</i> (C.L.Koch, 1837) *	European	CAR
<i>Zodariion graecum</i> (C.L.Koch, 1843)	Eastern European-Mediterranean	AR, MER
<i>Zodariion korgei</i> Wunderlich, 1980	Turkey	WBR
<i>Zodariion morosum</i> Denis, 1935	Eastern European	CAR
<i>Zodariion rubidum</i> Simon, 1914 *	European	CAR
<i>Zodariion thoni</i> Nosek, 1905 *	Eastern European-Asian	CAR
<i>Zodariion turcicum</i> Wunderlich, 1980	Balkans-Asia Minor	WBR
Prodidomidae		
<i>Anagraphis pallens</i> Simon, 1893 *	Eastern Mediterranean, South Africa	CAR
Gnaphosidae		
<i>Aphantaulax trifasciata</i> (O.P.-Cambridge, 1872)	Paleartic	CAR, AR
<i>Aphantaulax trifasciata trimaculata</i> Simon, 1878	France, Turkey	CAR
<i>Berinda ensiger</i> (O.P.-Cambridge, 1874)	Eastern Mediterranean	AR
<i>Berlandina plumalis</i> (O.P.-Cambridge, 1872) *	West Africa to Central Asia	CAR
<i>Berlandina pulchra</i> (Nosek, 1905)	Turkey	CAR
<i>Drassodes difficilis</i> (Simon, 1878)	France, Turkey	CAR
<i>Drassodes lapidosus</i> (Walckenaer, 1802) *	Paleartic	MR, MER, CAR, EAR, SAR
<i>Drassodes lutescens</i> (C.L.Koch, 1839)	Mediterranean to Pakistan	MER, CAR, EAR, SAR
<i>Drassodes pubescens</i> (Thorell, 1856) *	Paleartic	CAR, MER, EAR, SAR
<i>Drassodes similis</i> Nosek, 1905	Turkey	CAR
<i>Drassodes villosus</i> (Thorell, 1856) *	Paleartic	CAR, EAR
<i>Drassyllus lutetianus</i> (L.Koch, 1866)	European-Asian	EAR, SAR
<i>Drassyllus praeficus</i> (L.Koch, 1866) *	European-Asian	CAR, EAR, SAR
<i>Drassyllus pumilus</i> (C.L.Koch, 1839) *	European-Asian	CAR, EAR
<i>Drassyllus pusillus</i> (C.L.Koch, 1833) *	Paleartic	CAR, AR
<i>Drassyllus villicus</i> (Thorell, 1875)	European	EAR
<i>Drassyllus vinealis</i> (Kulczyński, 1897)	Paleartic	CAR
<i>Gnaphosa bicolor</i> (Hahn, 1833)	European, Georgia	EAR, SAR
<i>Gnaphosa bithynica</i> Kulczyński, 1903 *	Eastern Mediterranean	MR, CAR
<i>Gnaphosa corticola</i> Simon, 1914	France, Turkey	CAR

SPECIES	DISTRIBUTION	RECORDS
<i>Gnaphosa dolosa</i> Herman, 1879	Palearctic	MR
<i>Gnaphosa lapponum</i> (L.Koch, 1866)	European-Asian	EAR
<i>Gnaphosa leporina</i> (L.Koch, 1866)	Palearctic	EAR
<i>Gnaphosa lucifuga</i> (Walckenaer, 1802) *	Palearctic	MR, CAR, EAR, SAR
<i>Gnaphosa lucifuga minor</i> Nosek, 1905	Turkey	CAR
<i>Gnaphosa lugubris</i> (C.L.Koch, 1839)	European-Asian	EAR, SAR, AR
<i>Gnaphosa microps</i> Holm, 1939	Holarctic	MR
<i>Gnaphosa modestior</i> Kulczyński, 1897	Eastern European-Asian	EAR
<i>Gnaphosa opaca</i> Herman, 1879 *	European-Asian	CAR
<i>Gnaphosa petrobica</i> L.Koch, 1872	European	CAR, EAR
<i>Gnaphosa steppica</i> Ovtsharenko, Platnick & Song, 1992	Asian	CAR
<i>Gnaphosa tigrina</i> Simon, 1878	Mediterranean to Russia	EAR
<i>Haplodrasus dalmatensis</i> (C.L.Koch, 1866) *	Palearctic	CAR, EAR
<i>Haplodrasus macellinus</i> (Thorell, 1871)	Mediterranean	CAR
<i>Haplodrasus signifer</i> (C.L.Koch, 1839) *	Holarctic	MR, CAR, EAR, SAR, AR
<i>Haplodrasus umbratilis</i> (L.Koch, 1866) *	European-Asian	CAR
<i>Micaria albobittata</i> (Lucas, 1846) *	Palearctic	CAR, EAR, SAR
<i>Micaria coarctata</i> (Lucas, 1846)	Mediterranean-Asian	MR, EAR
<i>Micaria dives</i> (Lucas, 1846)	Palearctic	EAR
<i>Micaria pulicaria</i> (Sundevall, 1831)	Holarctic	EAR, SAR
<i>Micaria rossica</i> Thorell, 1875 *	Holarctic	CAR, EAR, SAR
<i>Nomisia aussereri</i> (L.Koch, 1872) *	Palearctic	MR, AR, CAR
<i>Nomisia exornata</i> (C.L.Koch, 1839) *	European-Asian	AR, CAR
<i>Nomisia orientalis</i> Dalmas, 1921	Turkey	AR
<i>Nomisia ripariensis</i> (O.P.-Cambridge, 1872) *	Mediterranean-Asian	MER, CAR
<i>Poecilochroa variana</i> (C.L.Koch, 1839)	European-Asian	EAR
<i>Pseudodrasus ricasolii</i> Caporiacco, 1935	Turkey	CAR
<i>Pterotricha conspersa</i> (O.P.-Cambridge, 1872)	Eastern Mediterranean	MER
<i>Pterotricha kochi</i> (O.P.-Cambridge, 1872)	Eastern Mediterranean	CAR
<i>Pterotricha lentiginosa</i> (C.L.Koch, 1837) *	Mediterranean, Ukraine	MER, CAR, EAR
<i>Scotophaeus scutulatus</i> (L.Koch, 1866) *	Palearctic	CAR
<i>Synaphosus palearcticus</i> Ovtsharenko, Levy & Platnick, 1994	Mediterranean-Asian	CAR, EAR

SPECIES	DISTRIBUTION	RECORDS
<i>Trachyzelotes barbatus</i> (L.Koch, 1866)	Mediterranean-Asian	CAR
<i>Trachyzelotes malkini</i> Platnick & Murphy, 1984 *	Mediterranean, Ukraine	CAR
<i>Trachyzelotes pedestris</i> (C.L.Koch, 1837)	European-Asian	CAR
<i>Zelotes apricorum</i> (L.Koch, 1876)	European-Asian	CAR
<i>Zelotes atrocaeruleus</i> (Simon, 1878)	Paleartic	CAR
<i>Zelotes aurantiacus</i> Miller, 1967	European-Western Asian	EAR
<i>Zelotes caucasicus</i> (L.Koch, 1866) *	European-Asian	CAR, EAR, SAR
<i>Zelotes cingarus</i> (O.P.-Cambridge, 1874)	Mediterranean-Asian	CAR
<i>Zelotes clivicola</i> (L.Koch, 1870)	Paleartic	EAR
<i>Zelotes electus</i> (C.L.Koch, 1839) *	European-Asian	CAR, EAR, SAR
<i>Zelotes gracilis</i> (Canestrini, 1868)	European-Western Asian	EAR
<i>Zelotes latreillei</i> (Simon, 1878) *	Paleartic	EAR, SAR
<i>Zelotes longestylus</i> Simon, 1914	France, Turkey	CAR
<i>Zelotes longipes</i> (L.Koch, 1866) *	Paleartic	MER, CAR, EAR
<i>Zelotes oblongus</i> (C.L.Koch, 1833)	European	EAR
<i>Zelotes olympi</i> (Kulczyński, 1903)	Turkey	MR
<i>Zelotes petrensis</i> (C.L.Koch, 1839)	European-Asian	EAR
<i>Zelotes segrex</i> (Simon, 1878)	Paleartic	MR
<i>Zelotes similis</i> (Kulczyński, 1887)	European	EAR
<i>Zelotes strandi</i> (Nosek, 1905)	Turkey	MR
<i>Zelotes subterraneus</i> (C.L.Koch, 1833) *	Paleartic	CAR
Sparassidae		
<i>Eusparassus dufouri</i> Simon, 1932	Mediterranean	AR, MER
<i>Eusparassus walckenaeri</i> (Audouin, 1825)	Mediterranean to Afghanistan	AR, MER
<i>Heteropoda variegata</i> (Simon, 1874)	Mediterranean	MER
<i>Micrommata ligurina</i> (C.L.Koch, 1845)	Mediterranean-Asian	AR
<i>Micrommata virescens</i> (Clerck, 1757) *	Paleartic	AR, MER
<i>Olios angelasius</i> (Walckenaer, 1805)	Mediterranean	MR, CAR
Philodromidae		
<i>Paratibellus oblongiusculus</i> (Lucas, 1846) *	European-Asian	CAR
<i>Philodromus aureolus</i> (Clerck, 1757) *	Paleartic	MR
<i>Philodromus bonneti</i> Karol, 1968	Turkey	MR

SPECIES	DISTRIBUTION	RECORDS
<i>Philodromus buchari</i> Kubcová, 2004	European	MER
<i>Philodromus cespitum</i> (Walckenaer, 1802)	Holarctic	SAR
<i>Philodromus collinus</i> C.L.Koch, 1835	European-Asian	MR, MER
<i>Philodromus fuscolimbatus</i> Lucas, 1846 *	European-Asian	MR, MER
<i>Philodromus glaucinus</i> Simon, 1870	Mediterranean-Asian	AR
<i>Philodromus histrio</i> (Latreille, 1819)	Holarctic	EAR
<i>Philodromus krausi</i> Muster & Thaler, 2004	Turkey	MBR
<i>Philodromus lividus</i> Simon, 1875	European-Mediterranean	MR
<i>Philodromus longipalpis</i> Simon, 1870	European-Asian	MR
<i>Philodromus lunatus</i> Muster & Thaler, 2004	Balkans-Asia Minor	AR, CAR
<i>Philodromus margaritatus</i> (Clerck, 1757)	Palearctic	SAR
<i>Philodromus poecilus</i> (Thorell, 1872) *	Palearctic	CAR
<i>Thanatus formicinus</i> (Clerck, 1757) *	Holarctic	EAR, SAR, AR
<i>Thanatus lineatipes</i> Simon, 1870	Mediterranean, Georgia	AR
<i>Thanatus okayi</i> Karol, 1966	Turkey	MR
<i>Thanatus pictus</i> L.Koch, 1881 *	Palearctic	CAR
<i>Thanatus striatus</i> C.L.Koch, 1845 *	Holarctic	EAR, SAR, AR
<i>Thanatus vulgaris</i> Simon, 1870 *	Holarctic	AR, CAR
<i>Tibellus oblongus</i> (Walckenaer, 1802) *	Holarctic	EAR, AR
Thomisidae		
<i>Coriarachne depressa</i> (C.L.Koch, 1837)	Palearctic	AR, MER
<i>Diaea livens</i> Simon, 1876 *	European-Asian, U.S.A.	MR, MER
<i>Heriaeus buffoni</i> (Audouin, 1825)	Mediterranean	MR
<i>Heriaeus hirtus</i> (Latreille, 1819)	Europe to Georgia	MR
<i>Heriaeus mellotei</i> Simon, 1886 *	Palearctic	CAR
<i>Heriaeus orientalis</i> Simon, 1918	Greece, Turkey, Ukraine	MR
<i>Heriaeus pilosus</i> Nosek, 1905	Turkey	CAR
<i>Heriaeus setiger</i> (O.P.-Cambridge, 1872) *	Palearctic	AR
<i>Heriaeus simoni</i> Kulczyński, 1903	Palearctic	MR, MER
<i>Misumena vatia</i> (Clerck, 1757) *	Holarctic	MR
<i>Ozyptila ankarensis</i> Karol, 1966	Turkey	CAR
<i>Ozyptila atomaria</i> (Panzer, 1801)	Palearctic	EAR, SAR

SPECIES	DISTRIBUTION	RECORDS
<i>Ozyptila claveata</i> (Walckenaer, 1837) *	Palearctic	AR
<i>Ozyptila clavidorsa</i> Roewer, 1959	Turkey	SAR
<i>Ozyptila conostyla</i> Hippa, Koponen & Oksola, 1986	Asia Minor-Asian	CAR
<i>Ozyptila praticola</i> (C.L.Koch, 1837) *	Holarctic	MR, EAR
<i>Ozyptila rauda</i> Simon, 1875	Palearctic	WBR
<i>Ozyptila sanctuaria</i> (O.P.-Cambridge, 1871)	European	EAR
<i>Ozyptila simplex</i> (O.P.-Cambridge, 1862) *	Palearctic	MER
<i>Ozyptila spirembola</i> Wunderlich, 1995	Turkey	WBR
<i>Pistius truncatus</i> (Pallas, 1772) *	Palearctic	MR
<i>Runcinia grammica</i> (C.L.Koch, 1837) *	Palearctic, St. Helena, South Africa	MR, AR, MER
<i>Synema globosum</i> (Fabricius, 1775) *	Palearctic	MR, AR, MER, CAR
<i>Synema plorator</i> (O.P.-Cambridge, 1872)	Eastern European-Asian	MR
<i>Thomisus citrinellus</i> Simon, 1875	Mediterranean, Africa, Seychelles	MBR
<i>Thomisus onustus</i> Walckenaer, 1805 *	Palearctic	MR, AR, MER, CAR, EAR, SAR
<i>Xysticus acerbus</i> Thorell, 1872 *	European-Asian	MR, SAR
<i>Xysticus audax</i> (Schränk, 1803) *	Palearctic	MR, MER
<i>Xysticus bifasciatus</i> C.L.Koch, 1837 *	Palearctic	CAR, AR
<i>Xysticus bufo</i> (Dufour, 1820)	Mediterranean	MR, AR
<i>Xysticus cribratus</i> Simon, 1885	Mediterranean to China, Sudan	CAR
<i>Xysticus cristatus</i> (Clerck, 1757) *	Palearctic	EAR, SAR, AR
<i>Xysticus erraticus</i> (Blackwall, 1834) *	European-Asian	EAR, SAR
<i>Xysticus ferrugineus</i> Menge, 1876 *	Palearctic	CAR
<i>Xysticus ferus</i> O.P.-Cambridge, 1876	Eastern Mediterranean	AR
<i>Xysticus gallicus</i> Simon, 1875	Palearctic	CAR
<i>Xysticus graecus</i> C.L.Koch, 1837	Eastern Mediterranean-Asian	MR, CAR
<i>Xysticus gymnocephalus</i> Strand, 1915	Eastern Mediterranean	CAR
<i>Xysticus kempeleni</i> Thorell, 1872 *	European-Asian	MER, CAR
<i>Xysticus kochi</i> Thorell, 1872 *	European-Asian, Mediterranean	MR, CAR, EAR, SAR
<i>Xysticus lalandei</i> (Audouin, 1825)	Eastern Mediterranean	MR, CAR
<i>Xysticus lanio</i> C.L.Koch, 1835 *	Palearctic	MR, MER, SAR
<i>Xysticus lineatus</i> (Westring, 1851) *	Palearctic	MER
<i>Xysticus luctator</i> L.Koch, 1870	Palearctic	CAR

SPECIES	DISTRIBUTION	RECORDS
<i>Xysticus luctuosus</i> (Blackwall, 1836) *	Holarctic	CAR
<i>Xysticus ninnii</i> Thorell, 1872 *	Palearctic	CAR
<i>Xysticus pseudolanio</i> Wunderlich, 1995	Turkey	WBR, EBR
<i>Xysticus pseudorectilineus</i> (Wunderlich, 1995)	Turkey	MER
<i>Xysticus rectilineus</i> (O.P.-Cambridge, 1872)	Eastern Mediterranean	CAR
<i>Xysticus robustus</i> (Hahn, 1832) *	European-Asian	EAR, SAR, AR
<i>Xysticus sabulosus</i> (Hahn, 1832) *	Palearctic	MR
<i>Xysticus striatipes</i> L.Koch, 1870 *	Palearctic	CAR
<i>Xysticus thessalicus</i> Simon, 1916	Balkans-Eastern Mediterranean	CAR
<i>Xysticus tristrami</i> (O.P.-Cambridge, 1872)	Eastern Palearctic	CAR
<i>Xysticus ulmi</i> (Hahn, 1831) *	Palearctic	CAR
<i>Xysticus viduus</i> Kulczyński, 1898 *	Palearctic	MER
Salticidae		
<i>Aelurillus concolor</i> Kulczyński, 1901	Asian	CAR
<i>Aelurillus v-insignitus</i> (Clerck, 1757)	Palearctic	CAR
<i>Afraflacilla epiblemoides</i> (Chyzer, 1891)	Central, Eastern Europe	MER
<i>Ballus chalybeius</i> (Walckenaer, 1802) *	Palearctic	CAR
<i>Carrhotus xanthogramma</i> (Latreille, 1819) *	Palearctic	MR, MER
<i>Chalcoscirtus parvulus</i> Marusik, 1991	Asian	AR
<i>Euophrys frontalis</i> (Walckenaer, 1802) *	Palearctic	CAR
<i>Euophrys fucata</i> (Simon, 1868)	Turkey	MR
<i>Euophrys rufibarbis</i> (Simon, 1868) *	Palearctic	CAR
<i>Evarcha arcuata</i> (Clerck, 1757) *	Palearctic	EBR, AR
<i>Evarcha falcata</i> (Clerck, 1757) *	Palearctic	EAR, SAR, AR
<i>Evarcha jucunda</i> (Lucas, 1846) *	Mediterranean	MR, AR
<i>Evarcha pulchella</i> (Thorell, 1895)	Asian	MR
<i>Habrocestum latifasciatum</i> (Simon, 1868) *	Eastern Mediterranean	AR, MER
<i>Habrocestum nigristerium</i> Dalmas, 1920	Turkey	AR
<i>Habrocestum papilionaceum</i> (L.Koch, 1867) *	Eastern Mediterranean	AR
<i>Hasarius adansonii</i> (Audouin, 1825) *	Cosmopolitan	MR, MER
<i>Heliophanillus fulgens</i> (O.P.-Cambridge, 1872)	Eastern Mediterranean	MER
<i>Heliophanus aeneus</i> (Hahn, 1832) *	Palearctic	MBR, CAR

SPECIES	DISTRIBUTION	RECORDS
<i>Heliophanus auratus</i> C.L.Koch, 1835 *	Palearctic	MR
<i>Heliophanus dubius</i> C.L.Koch, 1835 *	Palearctic	CAR
<i>Heliophanus edentulus</i> Simon, 1871 *	Mediterranean	CAR
<i>Heliophanus equester</i> L.Koch, 1867 *	European-Asian	MR, AR
<i>Heliophanus flavipes</i> (Hahn, 1832) *	Palearctic	CAR
<i>Heliophanus kochii</i> Simon, 1868 *	Palearctic	MER
<i>Heliophanus lineiventris</i> Simon, 1868 *	Palearctic	MER
<i>Heliophanus melinus</i> L.Koch, 1867 *	Palearctic	MBR, AR, MER
<i>Heliophanus mordax</i> (O.P.-Cambridge, 1872) *	European-Asian	MBR, MER
<i>Heliophanus patagiatus</i> Thorell, 1875	Palearctic	EAR, SAR
<i>Heliophanus simplex</i> Simon, 1868	Palearctic	MBR
<i>Heliophanus tribulosus</i> Simon, 1868	European-Asian	AR, MER
<i>Icius hamatus</i> (C.L.Koch, 1846) *	Palearctic	CAR
<i>Leptorchestes berolinensis</i> (C.L.Koch, 1846)	European-Asian	MR, CAR
<i>Leptorchestes mutilloides</i> (Lucas, 1846)	Southern Europe, Algeria, Turkey	MR, CAR
<i>Marpissa muscosa</i> (Clerck, 1757) *	Palearctic	CAR, EAR, SAR
<i>Marpissa nivoyi</i> (Lucas, 1846)	Palearctic	AR, MER, AR
<i>Marpissa radiata</i> (Grube, 1859) *	Palearctic	EAR, SAR
<i>Menemerus semilimbatus</i> (Hahn, 1829) *	Canary Is. to Azerbaijan, Argentina	MR, AR, SAR
<i>Mogrus neglectus</i> (Simon, 1868)	Mediterranean-Asian	MR
<i>Myrmarachne formicaria</i> (De Geer, 1778)	Palearctic	MR, CAR
<i>Myrmarachne tristis</i> (Simon, 1882)	Eastern Mediterranean to India	MR
<i>Pellenes diagonalis</i> (Simon, 1868) *	Eastern Mediterranean	MR, MER
<i>Pellenes flavipalpis</i> (Lucas, 1853)	Eastern Mediterranean	MR
<i>Pellenes nigroclivatus</i> (Simon, 1875)	Palearctic	EAR, SAR
<i>Philaeus chrysops</i> (Poda, 1761) *	Palearctic	EBR, MR, AR, MER, CAR, EAR
<i>Phlegra bresnieri</i> (Lucas, 1846)	European-Asian, Tanzania	MR, CAR
<i>Phlegra dunini</i> Azarkina, 2004	Asian	SAR
<i>Phlegra fasciata</i> (Hahn, 1826) *	Palearctic	MR, MER, CAR, AR
<i>Phlegra lineata</i> (C.L.Koch, 1846)	Southern Europe, Mediterranean	CAR
<i>Plexippoides gestroi</i> (Dalmas, 1920) *	Eastern Mediterranean	AR, MER
<i>Plexippus paykulli</i> (Audouin, 1825) *	Cosmopolitan	AR, MER

SPECIES	DISTRIBUTION	RECORDS
<i>Pseudeuophrys erratica</i> (Walckenaer, 1826)	Paleartic	EAR, SAR
<i>Pseudeuophrys lanigera</i> (Simon, 1871)	European	CAR
<i>Pseudeuophrys obsoleta</i> (Simon, 1868) *	Paleartic	MER
<i>Pseudiculus encarpatus</i> (Walckenaer, 1802)	European-Asian	MER, EAR
<i>Pseudiculus kulczynskii</i> Nosek, 1905 *	Eastern Mediterranean	CAR
<i>Saitis tauricus</i> Kulezynyński, 1905	Bulgaria, Greece, Turkey, Ukraine	MR
<i>Salticus cingulatus</i> (Panzer, 1797)	Paleartic	EAR, SAR
<i>Salticus marenzelleri</i> Nosek, 1905	Turkey	CAR
<i>Salticus mutabilis</i> Lucas, 1846	Europe, Azores, Turkey, Georgia, Argentina	MR
<i>Salticus scenicus</i> (Clerck, 1757)	Holarctic	EAR, SAR, AR
<i>Salticus zebraneus</i> (C.L.Koch, 1837) *	Paleartic	CAR
<i>Sitticus caricis</i> (Westring, 1861)	Paleartic	EAR
<i>Sitticus pubescens</i> (Fabricius, 1775) *	European-Asian, U.S.A.	MER
<i>Sitticus terebratus</i> (Clerck, 1757)	Paleartic	CAR
<i>Synageles dalmaticus</i> (Keyserling, 1863)	Mediterranean	MR, AR
<i>Synageles hilarulus</i> (C.L.Koch, 1846)	Paleartic	CAR
<i>Synageles subcingulatus</i> (Simon, 1878)	European-Asian	MER, CAR
<i>Synageles venator</i> (Lucas, 1836) *	Paleartic, Canada	MER
<i>Thyene imperialis</i> (Rossi, 1846)	Old World	MR, EAR
<i>Yllenus albocinctus</i> (Kroneberg, 1875)	Turkey to China	CAR

* = represented in NUAM (Arachnology Museum of Niğde University).

1 Brignoli (1979a)

2 New record for Turkey. 1♀ (NUAM 01/0006) was collected from Adana province (34°54'E, 37° 20'N) on 27.V.2001.

3 New record for Turkey. 1♀ (NUAM 01/0027) was collected from Adana province (34°52'E, 37°26'N) on 26.VI.2002.

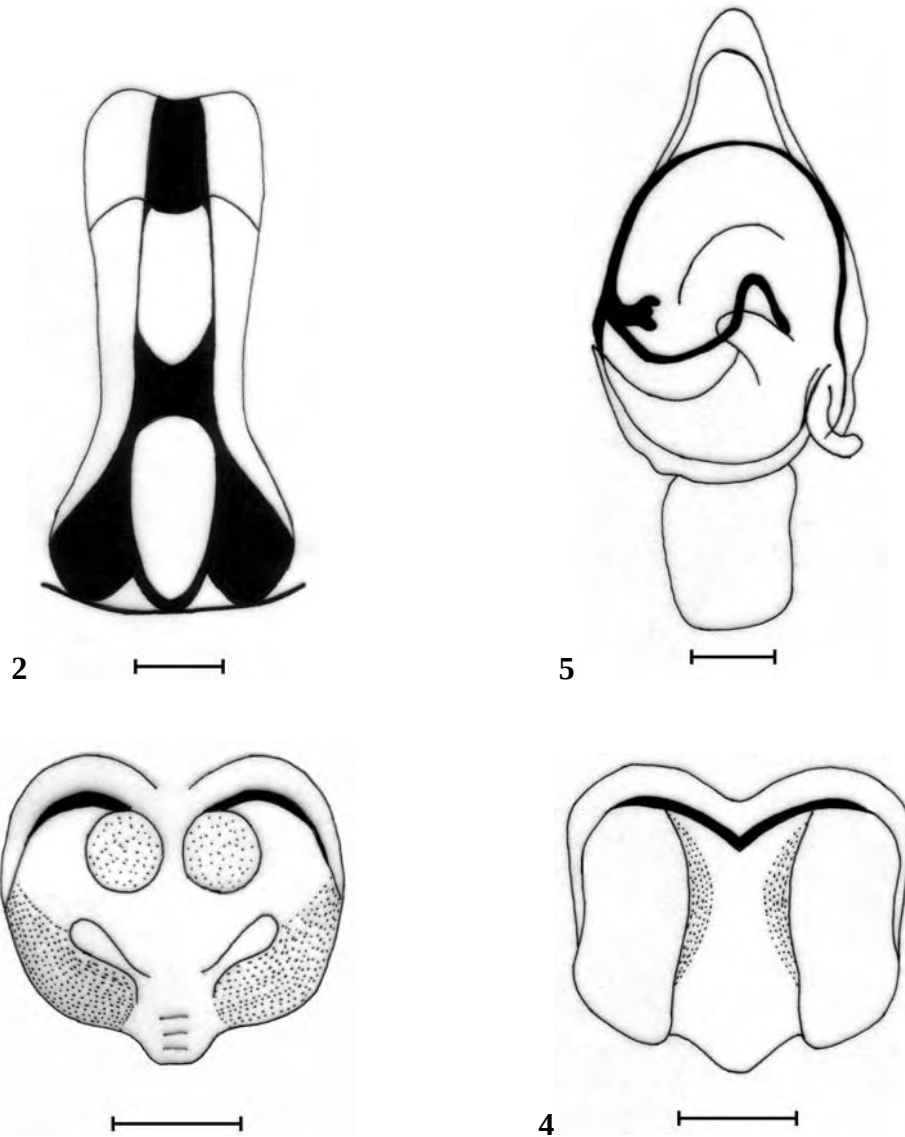
4 This species is recorded from Turkey by Rouzsky (1925). But exact locality is unknown, so our findings (4 females, NUAM CYB 42/0001-4; Konya province, Beyşehir district, 31°23'E, 37°31'N) confirm the presence of the species in Turkey.

5 New record for Turkey. 1♂ (NUAM DIC 01/0006) was collected from Adana province on 09.VI.2002.

6 K. Lindberg collected one holotype and two paratypes of *Phyxelida anatolica* Griswold, 1990 from Hatay province in Turkey on 22.VI.1953.

These specimens were determined as *Amaurobius fenestralis* by Roewer (misidentification, not *Amaurobius fenestralis*) (Griswold, 1990).

7 New record for Turkey. 1♀ (NUAM CLB 51/0005) was collected from Niğde province (34°36'E, 37°55'N) on 18.V.1996.



Figs. 2-5: 2-4. ♀ epigynum, ventral view; 5. ♂ palp, ventral view. (Scale line = 0.2 mm)
 2. *Alopecosa aculeata* (Clerck, 1757), Family Lycosidae
 3. *Clubiona marmorata* L.Koch, 1866, Family Clubionidae
 4. *Eresus sandaliatus* (Martini & Goeze, 1778), Family Eresidae
 5. *Nigma walckenaeri* (Roewer, 1951), Family Dictynidae

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Redescription of *Pardosa iniqua* (O.P.-Cambridge, 1876) (Araneida : Lycosidae) from Egypt

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Abstract

The female holotype of the very rare Egyptian lycosid spider *Pardosa iniqua* (O.P.-Cambridge, 1876) is redescribed.

Keywords: Spiders, Lycosidae, *Pardosa iniqua*, Egypt, Taxonomy, redescription.

Introduction

Among more than fifty species of family Lycosidae recorded from Egypt (El-Hennawy, 2002), *Pardosa iniqua* (O.P.-Cambridge, 1876) is the most rare lycosid species in the Egyptian fauna. There is only one female specimen of this species deposited in the collection of the Rev. O. Pickard-Cambridge in Oxford University Museum of Natural History, U.K. (OUMNH) [Hope Entomological Collection (HECO)]. No other material of this species is available until now. Therefore, this redescription depends on the single specimen deposited in OUMNH. This specimen was previously described twice, by the author of the species (O.P.-Cambridge, 1876) and by Roewer (1959) (Platnick, 2005).

Abbreviations used: ALE = anterior lateral eye; AME = anterior median eye; d = dorsal; Id = eyes inter-distances; L = length; p = prolateral; PLE = posterior lateral eye; PME = posterior median eye; r = retrolateral; TL = total length; v = ventral; W = width. All measurements were taken in millimetres.

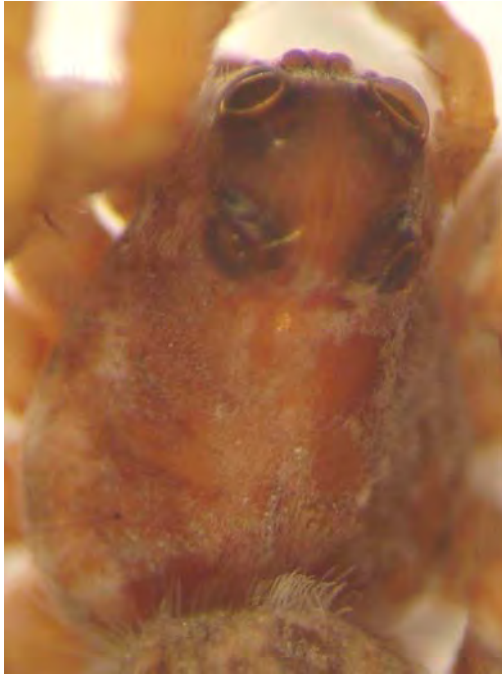
***Pardosa iniqua* (O.P.-Cambridge, 1876) (Figs. 1-6. Table 1.)**

Type Material: Holotype: Female. Egypt: Alexandria, (OUMNH) B.1573, t.8.

Description: Female (Holotype): TL 8.25; Cephalothorax L 3.32, W 2.81.

Cephalothorax brown, covered by short white hairs.

Eyes: posterior medians (PME) largest; 2.8 times larger than anterior medians (AME), and 1.4 times larger than posterior laterals (PLE); their interdistance (Id PME) equals their diameter. Eye measurements (diameters and interdistances): AME 0.17, ALE 0.14, PME 0.48, PLE 0.34, AM-AM 0.14, PM-PM 0.48, PL-PL 0.85, AM-AL 0.10, AL-PM 0.10, PM-PL 0.61. (ALE = Id AME; Id AM-AL = Id AL-PM)



1



3



2

Figs. 1-3:
Pardosa iniqua (O.P.-Cambridge, 1876),
Holotype ♀.

1. Cephalothorax, dorsal view.

2. Abdomen, dorsal view.

3. Ventral view.

Sternum (L 1.85): brown with a yellow leaf-like design in the middle that does not reach the end of the sternum.

Labium (L 0.26), maxillae (L 0.69).

Legs: brown yellow with blackish patches on femora. Pedipalp: with a toothed claw.

Relative length of legs 75 : 71 : 74 : 100. Leg formula IV-I-III-II.

L leg IV : L cephalothorax = 3.8.

Leg spination: I femur d1-1-0, p0-0-1, r0-0-1; patella p0-1-0, r0-1-0; tibia v2-2-2; metatarsus p0-1-1, v2-2-2. II femur d1-1-1, p0-1-1, r0-1-1; patella p0-1-0, r0-1-0; tibia

p1-0-1, v2-2-2; metatarsus p0-1-1, v2-2-2. III femur d3-3-3-3; patella d1-0-0, p0-1-0, r0-1-0; tibia d3-0-3, v2-2-2; metatarsus d2-2-2, v2-2-2. IV femur d2-1-2 ; patella d1-0-0, p0-1-0, r0-1-0; tibia d3-0-3, v2-2-2; metatarsus d2-2-2, v2-2-2.

Table 1: Legs measurements (mm)

Leg	I	II	III	IV
Femur	2.72	2.55	2.55	3.40
Patella	1.27	1.19	1.19	1.27
Tibia	2.13	1.87	1.87	2.55
Metatarsus	1.96	2.04	2.29	3.66
Tarsus	1.40	1.27	1.36	1.70
Total length	9.48	8.92	9.26	12.58

Abdomen: L 4.93, dorsally blackish brown, covered by short white hairs mixed with brown and white setae sparsely scattered in the anterior third of the abdomen. There are long white hairs on the anterior front of the abdomen, denser in the middle. Abdominal pattern: pale whitish patches arranged as described by Cambridge (1876). Ventrally: yellow with median longitudinal brown patch and both sides of the abdomen are blackish brown mixed with yellow patches.

Genitalia: Epigynum small, its length is 0.11 of the abdomen's length (Fig. 3). Epigynum and vulvae as in Figs. 4-6. [Note the difference between Figs. 4-5 and the schematic drawing of Roewer (1959) (Fig. 7) of the same specimen.]

Male: Unknown.

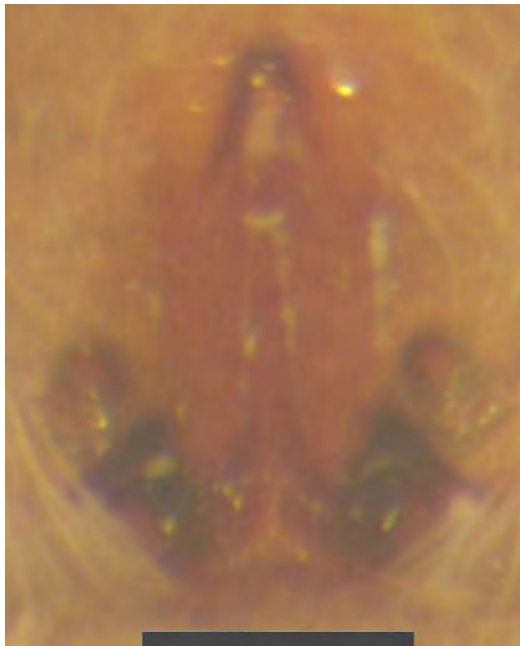
Distribution: Egypt: only from Alexandria (about 31°11'08"N 29°53'30"E).

Addendum from Cambridge (1876)

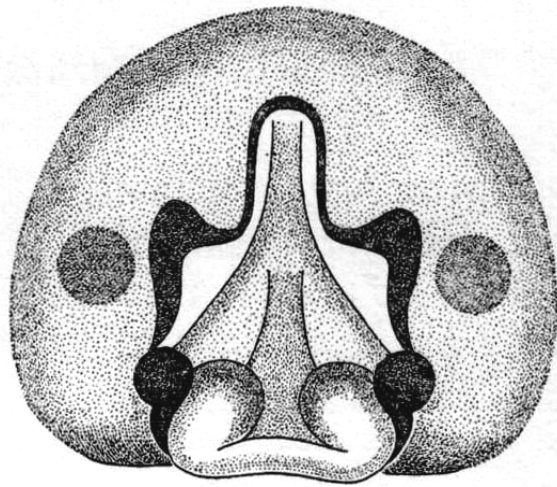
The described specimen of *Pardosa iniqua* was collected in 1864 and described by Cambridge (1876, pp.605-606). Roewer (1959) redescribed the same specimen after about a century of preservation in alcohol. Now, after 140 years of preservation, its colours are faded. Therefore, the original description of O.P.-Cambridge must be referred to, to know the real colouration of the specimen.

“The sides of the cephalothorax are rather depressed; a broad, longitudinal, brownish yellow band, radiating at the thoracic junction, occupies the middle; and the lateral margins have a broken band of the same colour, the intermediate spaces forming two broad brown bands; the ocular area is black-brown; and the whole has a dense clothing of yellowish grey pubescence. The *legs* are yellow, the femora banded with black-brown, and the femoral and base of the tibial joints slightly marked with a similar colour. The *falces* are brownish yellow, blackish near their base in front, and marked obliquely towards the extremities with a dusky brown band. The *sternum* is black-brown, with a broad, irregularly edged, yellow, longitudinal central band, which does not, however, reach the hinder extremity.

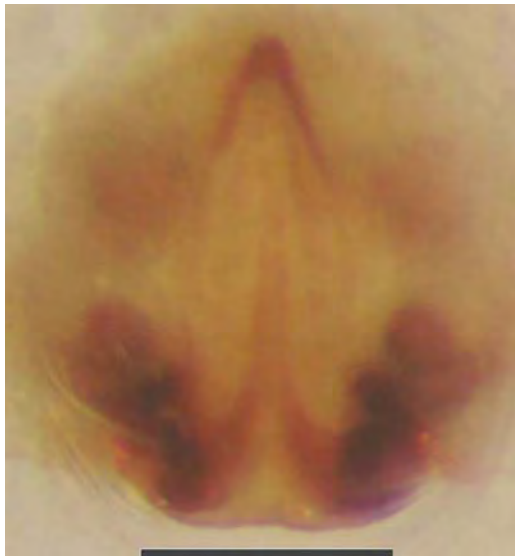
The *abdomen* is dull blackish brown above, all the normal characteristic markings being much obscured; the normal central marking on the fore part is bifid at its hinder extremity, and has an angular point, directed backwards, near the middle of each side; the hinder part has two nearly parallel longitudinal rows, each of three or four rather conspicuous pale spots, furnished with whitish hairs; and between them is an indistinct series of yellowish angular bars or chevrons; the sides are marked with black-brown spots and broken lines, which are more thinly dispersed towards the underside, which is yellow, margined with black-brown, and divided by a longitudinal central dark brown bar.”



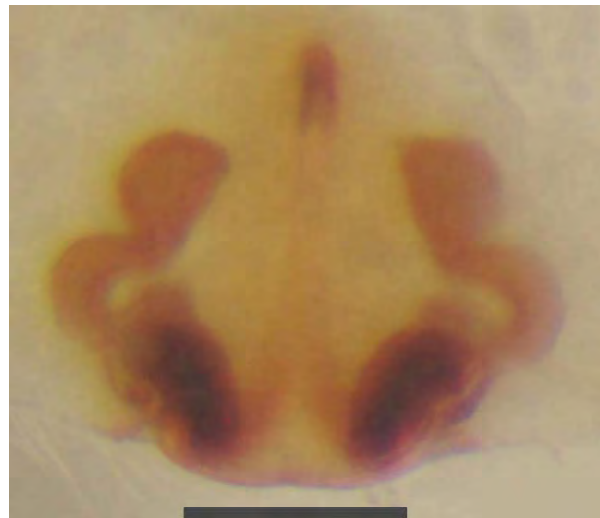
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5



6

Figs. 4-7: *Pardosa iniqua* (O.P.-Cambridge, 1876), Holotype ♀. **4-5.** Epigynum, ventral view. **6.** Vulvae, dorsal view. Scale = 0.27 mm **7.** Epigynum, Roewer's Fig.7 (1959).

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